

ABSTRACT

A plant transformation vector for transforming host plant cells with a chimeric selectable marker gene is disclosed. The gene includes, operatively linked in sequence
5 in a 5' to 3' direction, (i) a DNA promoter sequence from the rice beta-glucanase 9
(gns9) gene; (ii) a selectable marker gene, and (iii) a 3' untranslated terminator region.
Also disclosed are a vector pair containing the transformation vector, a method of
obtaining transformed monocots whose seeds produce a selected heterologous protein
during seed germination, and a plant whose cells are transformed with the chimeric
10 selectable marker gene.

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